Epilepsy can affect any dog. Most idiopathic seizures commence in dogs between 1 & 3 years of age.

Today, successful treatment is defined as a reduction in seizure frequency of at least 50%...so there is room for improvement.

Seizures are electrical storms within the cerebral cortex. Idiopathic epilepsy appears to be a heritable condition and is more common in males. Idiopathic epilepsy is the #1 chronic neurologic condition diagnosed in dogs.

A holistic approach with nutrition at the core offers potential for better results.

Ketogenic diets may help manage canine epilepsy.

Our ground-breaking research proves it. Purina partnered with the Royal Veterinary College in London to conduct a six-month randomized, placebo-controlled, double-blinded crossover study in dogs with idiopathic epilepsy. They were fed a test diet containing MCTs for three months and then crossed over to a control diet for another three months.

The bottom line: Purina’s research shows that in as little as 90 days most dogs with idiopathic epilepsy experience a reduction in seizure frequency when fed a diet with our proprietary blend of MCT oil as an adjunct to veterinary therapy.

**Acute-phase effects**

Experts believe MCTs have direct anti-seizure effects via blockage of α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor (AMPA) receptors inhibiting excitatory neurotransmission, thus enhancing typical anti-epileptic therapy.

**Another potential mode of action**

Ketogenic diets may help manage canine epilepsy. MEDIUM CHAIN TRIGLYCERIDES (MCTs) KETONES MEDIUM CHAIN FATTY ACIDS (MCFAs) ALTERNATIVE ENERGY SOURCE FOR NEURONS

Due to compromised brain glucose metabolism, epileptic neurons need an alternative energy source. Dogs can metabolize Medium Chain Triglycerides (MCTs) to ketones to serve as an alternative energy source for neurons.

**The bottom line:**

Purina’s research shows that in as little as 90 days most dogs with idiopathic epilepsy experience a reduction in seizure frequency when fed a diet with our proprietary blend of MCT oil as an adjunct to veterinary therapy.